100-C-233 ALTERNATE PAVEMENT SECTIONS, PRESENT VALUE COST AND PAVEMENT  
SECTION FOR CONSTRUCTION OF THE MAINLINE, SHOULDERS AND RAMPS

*(Revised 06-19-15)*

**A. Alternate Pavement Sections for the Mainline and Ramps**

The bidder shall bid every item in the Schedule of Pay Items Section 0001 for Common Items.

The bidder may submit a proposal bid for one or both of the following Schedule of Pay Items Sections:

Schedule of Pay Items Section 0002 for HMA pavement

Schedule of Pay Items Section 0003 for PCCP pavement

When not bidding either Section 0002 or 0003, the bidder shall leave blank each line of the section not bid and shall deselect the “Use this Item” checkbox for all fixed price items in the section not bid.

**B. Present Value Cost**

The Department will determine a present value of future maintenance cost for each alternate pavement section under the Schedule of Pay Items Sections 0002 and 0003. Present value costs will be determined based on a 50 year life cycle cost analysis and will be announced prior to bid opening.

The life cycle cost analysis will include the mainline, shoulder and ramp pavement.

The Department will add the applicable present value cost to each Schedule of Pay Items Section to determine the apparent low bid for the contract.

**C. Pavement Section for Construction of the Mainline, Shoulders and Ramps**

The pavement section to be used by the Contractor to construct the mainline, shoulders and ramps throughout the project shall be the section upon which award of the contract was based.

**D. Additional Notes**

The cross sections are based on the insert PCCP or HMA Section.

Underdrain elevations shall be adjusted if the insert PCCP or HMA alternate is constructed. All additional costs or adjustments which are associated with this alternate shall be included in the cost of other items.

**E. Calculation of DBE Goal**

The bidder shall achieve the DBE goal for each alternate in the Schedule of Pay Items for which a bid is submitted.

The bidding software utilized by the Department calculates and returns the DBE goal achieved based on the total of all DBE items for all Sections divided by the grand total of all Sections shown in the Schedule of Pay Items. The software does not calculate or show a break-down of the DBE goals by individual Section. Therefore, the Department will calculate the DBE goal percent as follows:

DBE Goal Percent =

[(Total Proposed Race/Gender Conscious DBE Utilization based on Section XXXX and Section 0001) / (Total of Section XXXX + Section 0001)] x 100

Where:

Section XXXX = Either Section 0002, HMA pavement alternate or Section 0003, PCCP pavement alternate, in the Schedule of Pay Items.